# **EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurais	Time Stamp
L1	3217	(600/300).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/09/10 16:39
L2	644	(600/301).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/09/10 16:40
L3.	1061	(128/903).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/09/10 16:40
L4	349	(128/904).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR ·	OFF	2007/09/10 16:40
L5	226	(128/905).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/09/10 16:40
L6	176	(128/908).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/09/10 16:40
L7	721	(128/920).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR.	OFF	2007/09/10 16:40
L8	. 0	("I1I2I3I4I5I6I7").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/09/10 16:41
L9	5161	I1 I2 I3 I4 I5 I6 I7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/10 16:41
L10		19 and interface	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/10 16:41
L11	105	I9 and (interface same (chang\$5 or switc\$5) same mode)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/10 16:43

# **EAST Search History**

S1	2	("5678562").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/09/09 17:06
S2	74	("3882277"   "4592018"   "4974599"   "4974607"   "5002062"   "5012411"   "5086778"   "5113869"   "5153584"   "5205295"   "5226431"   "5228450"   "5343869"   "5381798"   "5416695"   "5417222"   "5458123"   "5503158"   "5522396"   "5544661"   "5606978").PN. OR ("5678562").	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/09 18:21
<b>S</b> 3	1	URPN. "6190326".pn.	US-PGPUB; USPAT; USOCR	ÖR	ON	2007/09/09 18:49
S4	50	("4469151" "5511553" "5560352" "5671738" "5857967" "5877742" "5903211" "6077223" "4274419" "4309067" "4338951" "4398325" "4399331" "4440172" "4453408" "4468271" "4477783" "4485064" "4493219" "4500658" "4521263" "4542752" "4556474" H000071 "4593381" "4593679" "4595009" "4764166" "4767972" "4838864" "4850023" "4886057" "4907845" "4928173" "4969049" "4976685" "4976681" "5012514" "5178161" "5188323" "5189609" "5195980" "5201314" "5201725" "5220929"	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/10 13:09
		"5201314" "5201725" "5220929" "5227934" "5233996" "5249267" "5279486" "5279563" ).pn.				

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issuing a credit card to the creditor based on the comparison of relatively new credit card debt to total credit card debt to a preset cutoff average percentage of relatively new credit card debt to total credit card debt.

- 3. The method recited in claim 1, wherein a new credit card is a credit card having been issued to the creditor for less than six months.
- 4. The method recede in claim 1, wherein a new credit card is a credit card having been issued to the creditor for a period of time less than a preset time period for low interest teaser interest rates.
- 5. The method recited in claim 2, wherein a relatively new credit card is a credit card having been issued to the creditor for less than twelve months.
- 6. The method recited in claim 2, wherein a relatively new credit card is a credit card having been issued to the creditor for a period of time less than two preset time periods for low interest teaser interest rates.
- 7. The method recited in claim 1, wherein predetermined number of months is twelve months.

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- 8. The method recited in claim 1, wherein predetermined number of months is twenty-four months.
- 9. The method recited in claim 1, wherein the preset cutoff average percentage of new credit card debt to total credit card debt is sixty-five percent.
- 10. The method recited in claim 2, wherein the preset cutoff average percentage of relatively new credit card debt to total credit card debt is eighty-five percent.

A data processing system implemented method for identifying teaser surfers?

receiving credit history data for a creditor;

summing total monthly relatively new credit card debt for all relatively new credit cards issued to the creditor for a one month period, wherein the total monthly relatively new credit card debt is summed for each of the predetermined number of months;

calculating a monthly percentage of relatively new credit card debt to total credit card debt for a one month period, wherein the monthly percentage of relatively new credit card debt to total credit card debt is calculated for each of

the predetermined number of months;

calculating an average percentage of relatively new credit card debt to total credit card debt over the predetermined number of months;

comparing the average percentage of relatively new credit card debt to total credit card debt to a preset cutoff average percentage of relatively new credit card debt to total credit card debt;

issuing a credit card to the creditor based on the comparison of relatively new credit card debt to total credit card debt to a preset cutoff average percentage of relatively new credit card debt to total credit card debt.

### 12. The method recited in claim 11, further comprises:

summing total monthly relatively new credit card debt for all relatively new credit cards issued to the creditor for a one month period, wherein the total monthly relatively new credit card debt is summed for each of the predetermined number of months;

calculating a monthly percentage of new credit card debt to total credit card debt for a one month period, wherein the monthly percentage of new credit card debt to total credit card debt is calculated for each of the predetermined number of months;

calculating an average percentage of new credit card debt to total credit

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1 2 card debt over the predetermined number of months;

comparing the average percentage of new credit card debt to total credit card debt to a preset cutoff average percentage of new credit card debt to total credit card debt; and

issuing a credit card to the creditor based on the comparison of new credit card debt to total credit card debt to a preset cutoff average percentage of new credit card debt to total credit card debt.

13. The method recited in claim 11, wherein a relatively new credit card is a credit card having been issued to the creditor for less than twelve months and a credit card having been issued to the creditor for a period of time less than two preset time periods for low interest teaser interest rates.

The method recited in claim 12, wherein a new credit card is on of a credit card having been issued to the creditor for less than six months and a credit card having been issued to the creditor for a period of time less than a preset time period for low interest teaser interest rates.

15. The method recited in claim 11, wherein predetermined number of months is one of twelve months and twenty-four months.

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16. The method recited in claim 12, wherein the preset cutoff average percentage of new credit card debt to total credit card debt is sixty-five percent and further wherein the preset cutoff average percentage of relatively new credit card debt to total credit card debt is eighty-five percent.

17. A data processing system implemented method for identifying teaser surfers:

receiving credit history data for a creditor;

comparing an amount of new credit card debt to a total amount of credit card debt;

issuing a credit card to the creditor based on the comparison of the amount of new credit card debt to the total amount of credit card debt.

18. The method recited in claim 17, further comprises:

comparing an amount of relatively new credit card debt to a total amount of credit card debt;

issuing a credit card to the creditor based on the comparison of the amount of relatively new credit card debt to the total amount of credit card debt.

19. The method recited in claim 17, wherein the comparison of the amount of

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new credit card debt to the total amount of credit card debt is performed over a
predetermined number of months.

- 20. The method recited in claim 18, wherein the comparison of the amount of new credit card debt to the total amount of credit card debt exceeds a first predetermined threshold and the comparison of the amount of relatively new credit card debt to the total amount of credit card debt exceeds a second predetermined threshold.
- 21. A data processing system for identifying teaser surfers: receiving means for receiving credit history data for a creditor; summing total monthly credit card debt for all credit cards issued to the

creditor for a one month period, wherein the total monthly credit card debt is

summed for each of a predetermined number of months;

summing total monthly new credit card debt for all relatively new credit cards issued to the creditor for a one month period, wherein the total monthly new credit card debt is summed for each of the predetermined number of

calculating a monthly percentage of new credit card debt to total credit card debt for a one month period, wherein the monthly percentage of new credit

months:

card debt to total credit card debt is calculated for each of the predetermined number of months;

calculating an average percentage of new credit card debt to total credit card debt over the predetermined number of months;

comparing the average percentage of new credit card debt to total credit card debt to a preset cutoff average percentage of new credit card debt to total credit card debt; and

issuing a credit card to the creditor based on the comparison of new credit card debt to total credit card debt to a preset cutoff average percentage of new credit card debt to total credit card debt.

## 22. The system recited in claim 21, further comprises:

summing means for summing total monthly relatively new credit card debt for all relatively new credit cards issued to the creditor for a one month period, wherein the total monthly relatively new credit card debt is summed for each of the predetermined number of months;

calculating means for calculating a monthly percentage of relatively new credit card debt to total credit card debt for a one month period, wherein the monthly percentage of new credit card debt to total credit card debt is calculated for each of the predetermined number of months;

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calculating means for calculating an average percentage of relatively new credit card debt to total credit card debt over the predetermined number of months;

comparing means for comparing the average percentage of relatively new credit card debt to total credit card debt to a preset cutoff average percentage of relatively new credit card debt to total credit card debt;

issuing means for issuing a credit card to the creditor based on the comparison of relatively new credit card debt to total credit card debt to a preset cutoff average percentage of relatively new credit card debt to total credit card debt.

- 23. The system recited in claim 21, wherein a new credit card is a credit card having been issued to the creditor for less than six months.
- 24. The system recede in claim 21, wherein a new credit card is a credit card having been issued to the creditor for a period of time less than a preset time period for low interest teaser interest rates.
- 25. The system recited in claim 22, wherein a relatively new credit card is a credit card having been issued to the creditor for less than twelve months.

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1	26. The system recited in claim 22, wherein a relatively new credit card is a
2	credit card having been issued to the creditor for a period of time less than two
3	preset time periods for low interest teaser interest rates.
1	27. The system recited in claim 21, wherein predetermined number of months
1	27. The system recited in claim 21, wherein predetermined number of months
2	is twelve months.

- 28. The system recited in claim 21, wherein predetermined number of months is twenty-four months.
- 29. The system recited in claim 21, wherein the preset cutoff average percentage of new credit card debt to total credit card debt is sixty-five percent.
- 30. The system recited in claim 22, wherein the preset cutoff average percentage of relatively new credit card debt to total credit card debt is eighty-five percent.

A data processing system for identifying teaser surfers: receiving means for receiving credit history data for a creditor; summing means for summing total monthly relatively new credit card debt

for all relatively new credit cards issued to the creditor for a one month period,

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wherein the total monthly relatively new credit card debt is summed for each of the predetermined number of months;

calculating means for calculating a monthly percentage of relatively new credit card debt to total credit card debt for a one month period, wherein the monthly percentage of relatively new credit card debt to total credit card debt is calculated for each of the predetermined number of months;

calculating means for calculating an average percentage of relatively new credit card debt to total credit card debt over the predetermined number of months;

comparing means for comparing the average percentage of relatively new credit card debt to total credit card debt to a preset cutoff average percentage of relatively new credit card debt to total credit card debt;

issuing means for issuing a credit card to the creditor based on the comparison of relatively new credit card debt to total credit card debt to a preset cutoff average percentage of relatively new credit card debt to total credit card debt.

### 32. The system recited in claim 31, further comprises:

summing means for summing total monthly new credit card debt for all new credit cards issued to the creditor for a one month period, wherein the total

monthly new credit card debt is summed for each of the predetermined number of months;

calculating means for calculating a monthly percentage of new credit card debt to total credit card debt for a one month period, wherein the monthly percentage of new credit card debt to total credit card debt is calculated for each of the predetermined number of months;

calculating means for calculating an average percentage of new credit card debt to total credit card debt over the predetermined number of months;

comparing means for comparing the average percentage of new credit card debt to total credit card debt to a preset cutoff average percentage of new credit card debt to total credit card debt; and

issuing means for issuing a credit card to the creditor based on the comparison of new credit card debt to total credit card debt to a preset cutoff average percentage of new credit card debt to total credit card debt.

33. The system recited in claim 31, wherein a relatively new credit card is a credit card having been issued to the creditor for less than twelve months and a credit card having been issued to the creditor for a period of time less than two preset time periods for low interest teaser interest rates.

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34.	The system recited in claim 32, wherein a new credit card is on of a credit
card l	naving been issued to the creditor for less than six months and a credit card
havin	g been issued to the creditor for a period of time less than a preset time
perio	d for low interest teaser interest rates.

- 35. The system recited in claim 31, wherein predetermined number of months is one of twelve months and twenty-four months.
- 36. The system recited in claim 32, wherein the preset cutoff average percentage of new credit card debt to total credit card debt is sixty-five percent and further wherein the preset cutoff average percentage of relatively new credit card debt to total credit card debt is eighty-five percent.

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A data processing system for identifying teaser surfers:

receiving means for receiving credit history data for a creditor;

comparing means for comparing an amount of new credit card debt to a total amount of credit card debt;

issuing means for issuing a credit card to the creditor based on the comparison of the amount of new credit card debt to the total amount of credit card debt.

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38. The system recited in claim 37, further comprises:

comparing means for comparing an amount of relatively new credit card debt to a total amount of credit card debt;

issuing means for issuing a credit card to the creditor based on the comparison of the amount of relatively new credit card debt to the total amount of credit card debt.

- 39. The system recited in claim 37, wherein the comparison of the amount of new credit card debt to the total amount of credit card debt is performed over a predetermined number of months.
- 40. The system recited in claim 38, wherein the comparison of the amount of new credit card debt to the total amount of credit card debt exceeds a first predetermined threshold and the comparison of the amount of relatively new credit card debt to the total amount of credit card debt exceeds a second predetermined threshold.
- 41. A data processing system implemented computer program product for identifying teaser surfers:

receiving instructions for receiving credit history data for a creditor;

summing instructions for summing total monthly credit card debt for all credit cards issued to the creditor for a one month period, wherein the total monthly credit card debt is summed for each of a predetermined number of months;

summing instructions for summing total monthly new credit card debt for all new credit cards issued to the creditor for a one month period, wherein the total monthly new credit card debt is summed for each of the predetermined number of months;

calculating instructions for calculating a monthly percentage of new credit card debt to total credit card debt for a one month period, wherein the monthly percentage of new credit card debt to total credit card debt is calculated for each of the predetermined number of months;

calculating instructions for calculating an average percentage of new credit card debt to total credit card debt over the predetermined number of months;

comparing instructions for comparing the average percentage of new credit card debt to total credit card debt to a preset cutoff average percentage of new credit card debt to total credit card debt; and

issuing instructions for issuing a credit card to the creditor based on the

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A data processing system implemented computer program product for identifying teaser surfers:

comparison of the average new credit card debt to total credit card debt to a

preset cutoff average percentage of new credit card debt to total credit card debt.

receiving instructions for receiving credit history data for a creditor;

summind instructions for summing total monthly relatively new credit card debt for all relatively new credit cards issued to the creditor for a one month period, wherein the total monthly relatively new credit card debt is summed for each of the predetermined number of months;

calculating instructions for calculating a monthly percentage of relatively new credit card debt to total credit card debt for a one month period, wherein the monthly percentage of relatively new credit card debt to total credit card debt is calculated for each of the predetermined number of months;

calculating instructions for calculating an average percentage of relatively new credit card debt to total credit card debt over the predetermined number of months:

comparing instructions for comparing the average percentage of relatively new credit card debt to total credit card debt to a preset cutoff average percentage of relatively new credit card debt to total credit card debt;

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issuing instructions for issuing a credit card to the creditor based on the comparison of relatively new credit card debt to total credit card debt to a preset cutoff average percentage of relatively new credit card debt to total credit card debt.

43. A data processing system implemented computer program product for identifying teaser surfers:

receiving instructions for receiving credit history data for a creditor;
comparing instructions for comparing an amount of new credit card debt
to a total amount of credit card debt;

issuing instructions for issuing a credit card to the creditor based on the comparison of the amount of new credit card debt to the total amount of credit card debt.

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